

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jeon et al.)
Serial No.: 10/575,147) Group Art Unit: 1621
Filed: 04/07/2006)
For: PHOSPHORUS-CONTAINING)
CATALYST COMPOSITION AND)
HYDROFORMYLATION PROCESS USING THE SAME)
Examiner: Lao MariaLouisa

RESPONSE TO RESTRICTION REQUIREMENT

The Examiner has required a restriction between:

- Group I: Claim(s) 1-10, (in part) drawn to a catalyst composition having heterocyclic groups.
Group II: Claim(s) 1-10, (in part) drawn to a catalyst composition not having heterocyclic groups.
Group III: Claim(s) 11-13, drawn to a process of hydroformylating an olefin compound.

Applicants elect to prosecute the claims of Group I with traverse. Applicants would like to state that there is no distinction between the catalyst composition without heterocyclic groups and that without heterocyclic groups. There is therefore no distinction between the catalyst compositions of Group I and II. Applicants believe that common keywords and classes could be used to search for the catalytic composition containing heterocyclic and non-heterocyclic compositions. Applicants therefore traverse the restriction requirement between the claims of Group I and II.

As required by the Examiner, the Applicants further elect the following species for prosecution:

Formula 1: 1,1'-biphenyl-2,2'-diyl-bis(dipyrrolphosphoramidite)(BPO-P(Pyl)₂)

Formula 2: triphenylphosphine (TPP)

Formula 3: acetylacetonatodicarbonylrhodium (Rh(AcAc)(CO)₂)

A catalyst composition comprising above-mentioned specific compounds is disclosed in Examples 1-7 of the instant application.

If there are any fees or deposits required as a result of this filing, please charge them of Deposit Account number 06-1130.

Respectfully submitted,

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